## Aromatic Molecules Containing Substituents Internal to the $\pi$-Electron Cloud

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A discussion of the synthesis and chemistry of molecules having groups internal to the $\pi$-electron cloud will be presented. The 15,16-dihydropyrene system will be used to illustrate the properties of molecules of this type.

## Synthesis and Properties of Intramolecularly Overcrowded Hydrocarbons

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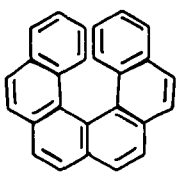
For many years the question of the degree of coplanarity needed for existence of certain polycyclic aromatic hydrocarbons has been of interest. The most strained hydrocarbon of this type that has been made to date is hexahelicene, I. The origin of the problems relating to the synthesis and resolution of I will be described as well as related research which has been stimulated by the above work.



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